



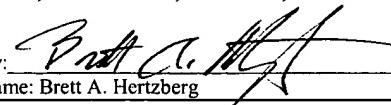
IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael Eugene Broach et al. Examiner: Not yet assigned
Serial No.: 10/780,375 Group Art Unit: 2858
Filed: February 17, 2004 Docket: 50019.261USI1/P05695P01
Confirmation No.: 1831
Title: ADAPTIVE SLOPE COMPENSATION FOR SWITCHING REGULATORS

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 21, 2004.

By: 
Name: Brett A. Hertzberg

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

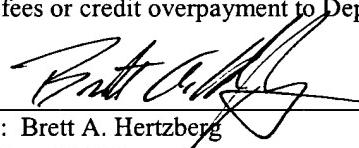
Sir:

We are transmitting herewith the attached:

- Transmittal Sheet in duplicate containing Certificate of Mailing
- Information Disclosure Statement, Form 1449, 9 References
- Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
206.342.6200

By: 
Name: Brett A. Hertzberg
Reg. No.: 42,660
BAH/ab

23552
PATENT TRADEMARK OFFICE

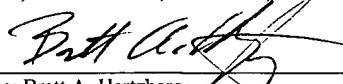


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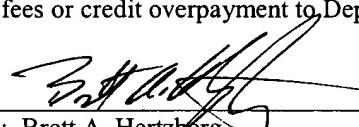
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MAY 26 2004

SAC 10/780,375

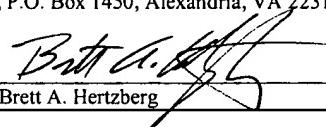
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Michael Eugene Broach et al.	Examiner:	Not yet assigned
Serial No.:	10/780,375	Group Art Unit:	2858
Filed:	February 17, 2004	Docket No.:	50019.261USI1/P05695P01
Title:	ADAPTIVE SLOPE COMPENSATION FOR SWITCHING REGULATORS		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 21, 2004.

By: 
Name: Brett A. Hertzberg

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2)(i), a copy of the U.S. patents and U.S. patent publications listed on the enclosed Form 1449 are not provided, as this application was filed after June 30, 2003. A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. §1.98(a)(2).

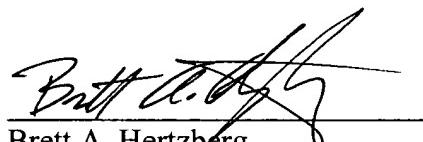
No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicant reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicant does not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

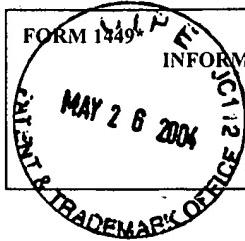
MERCHANT & GOULD



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Registration No. 42,660
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Minneapolis, Minnesota 55402-0903
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 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>	Docket Number: 50019.261US11/P05695P01	Application Number: 10/780,375
	Applicant: Michael Eugene Broach et al.	
	Filing Date: February 17, 2004	Group Art Unit: 2858

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,127,894	11/28/78	Bishop et al.	363	56	
	4,439,822	3/27/84	Cocconi	363	56	
	US 6,282,102 B1	8/28/01	Minamisawa et al.	363	16	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Ronald I. Birdsall, "Proceedings of Powercon7," <i>Power Concepts, Inc.</i> , March 24-27, 1980 (12 pages)
	"LM2621 Low Input Voltage, Step-Up DC-DC Converter," <i>National Semiconductor Corporation</i> , February, 2000 (10 pages)
	"LM78S40 Switching Voltage Regulator Applications," <i>National Semiconductor Corporation</i> , March, 2000 (17 pages)
	"Wide-Input, High Voltage Buck Converter," <i>National Semiconductor Corporation</i> , September, 2002 (3 pages)
	"Introduction to Power Supplies," <i>National Semiconductor Corporation</i> , September, 2002 (7 pages)
	"Modelling, Analysis and Compensation of the Current-Mode Converter," <i>Unitrode Corporation</i> (7 pages)
	"UC3842/3/4/5 Provides Low-Cost Current-Mode Control," <i>Unitrode Corporation</i> (14 pages)



EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	